DELCO

Circuit Diagrams

OF THE

1921

Automobile Systems

Including

1920 Diagrams not in the 1920 Supplement - also certain advance 1922 Diagrams

THE

Dayton Engineering Laboratories Co.

DAYTON, OHIO
The circuit diagrams in this supplement of the Delco Service Manual cover the 1921 apparatus, including the late 1920 apparatus which does not appear in the 1920 supplement, also certain advance 1922 apparatus.

Some motor car manufacturers do not make it a practice to bring out a model each season, and in some instances the car model may not be known as a 1921 model.

The 1920 diagrams will be found in the front part of this supplement and the 1922 diagrams in the back - reference should be made to the index.
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THE LEACH-BILTWELL MOTOR COMPANY—1920 Models A, B.
Using 9-N Continental Engine

179 Motor
180 Generator
1178 Combination Switch

1964 Motor Switch
2119 Ignition Coil
5215 Distributor
MOON MOTOR CAR COMPANY—1920. Model 6-48
Using 7-R Continental Engine

181 Motor
165 Generator
1182 Combination Switch

1964 Motor Switch
2169 Ignition Coil
5208 Distributor
NOMA MOTOR CORPORATION—1919. Series A, B.
Using 7-W Continental Engine

106 Motor
106 Generator
2158 Ignition Coil
1172 Combination Switch
1966 Motor Switch
ATTERBURY MOTOR CAR COMPANY—1921. Model 20-R (1½-Ton Truck)
Using J-4 Continental Engine

200 Motor
197 Generator

1189 Combination Switch
1966 Motor Switch
AUTO ENGINE WORKS—1921 Model
Using 4-Cylinder “Capitol” Marine Engine

1171 Combination Switch
2135 Ignition Coil
6188 Distributor
BUICK MOTOR COMPANY—Export 1921
Series 21. Models 44, 45, 49

190 Motor Generator
1159 Combination Switch
2159 Ignition Coil
12224 Motor Clutch
5512 Apparatus Box (Optional Equipment)
J. I. CASE THRESHING MACHINE COMPANY—1921. Model V
Using 9-N Continental Engine

1171 Combination Switch
2158 Ignition Coil

5175 Distributor
COLE MOTOR CAR COMPANY—1921. Model 870
Using Northway M-309 Engine

CIRCUIT BREAKER

COMBINATION SWITCH

HORN AMMETER

HORN BUTTON

STORAGE BATTERY

MOTOR

SERIES FIELD

IGNITION COIL

RESISTANCE UNIT

ADVANCE

TUNGSTEN TIMING CONTACTS

DISTRIBUTOR HEAD

CONDENSER

SHORT FIELD

GENERATOR

72 Motor
153 Generator
2127 Ignition Coil

1154 Combination Switch
1966 Motor Switch
CONSOLIDATED SHIPBUILDING CORPORATION—1919, 1920, 1921 Models
8-Cylinder "Speedway" Marine Engine

COUNTER CLOCKWISE ROTATION

SWITCH

PRIMARY WINDING

IGNITION COIL

SECONDARY WINDING

CONDENSER

TO SPARK PLUGS DISTRIBUTOR

TUNGSTEN TIMING CONTACTS

RESISTANCE UNIT

STORAGE BATTERY

5190 Distributor
1153 Combination Switch

2135 Ignition Coil
JAMES CUNNINGHAM SON & COMPANY—1920, 1921 Models. J-4 Series

183 Motor
182 Generator
5218 Distributor
1173 Combination Switch
2135 Ignition Coil
HANSON MOTOR CAR COMPANY—1921. Model 54
Serial 2850 and up.
Using 7-R Continental Engine

1181 Motor
1185 Generator
1174 Combination Switch
1065 Motor Switch
2159 Ignition Coil
1207 Distributor
HUDSON MOTOR CAR COMPANY—1921
Super-Six Model “O” (Left Hand Drive)
Super-Six Model “O” Export (Right Hand Drive)

140-188 Motor Generator (140 Export)
1188 Combination Switch
2170 Ignition Coil

5223 Distributor
5224 Distributor (Export)
12207 Motor Clutch
H. C. S. MOTOR CAR COMPANY—1921-1922 Models. Series 2
Using Weidely MB Engine

185 Motor
186 Generator
1184 Combination Switch
1956 Motor Switch
2170 Ignition Coil
5210 Distributor

NOTE:—Upon first 500 cars manufactured “Head Lights” were connected to No. 3 terminal on switch instead to No. 1 terminal as shown in above diagram.
JORDAN MOTOR CAR COMPANY—1921. Model F
Using 9-N Continental Engine

[Diagram of electrical system with labels:
179 Motor
180 Generator
5215 Distributor
1167 Combination Switch
2159 Ignition Coil]
THE JORDAN MOTOR CAR COMPANY—1921. Model M-X
Serial 15001 and up.
Using 7-R Continental Engine

Diagram of electrical system

181 Motor
165 Generator
1199 Combination Switch

1958 Motor Switch
2189 Ignition Coil
6207 Distributor
LINCOLN MOTOR COMPANY—"The Lincoln"

193 Motor Generator
1187 Combination Switch
2-2159 Ignition Coil

5226 Distributor
14799 Motor Clutch
5742 Circuit Breaker
MOON MOTOR CAR COMPANY—1921. Model 6-68
Using 9-N Continental Engine

179 Motor
180 Generator
1180 Combination Switch

1964 Motor Switch
2159 Ignition Coil
6215 Distributor
A. J. MILLER & COMPANY—1921 Model
Using 9-N Continental Engine

179 Motor
180 Generator
1172 Combination Switch

1965 Motor Switch
2159 Ignition Coil
5215 Distributor
NATIONAL MOTOR CAR & VEHICLE CORPORATION—1921 Model. Series BB

[Diagram]

1151 Combination Switch
2150 Ignition Coil
5211 Distributor
NORDYKE & MARMON COMPANY—1921. Export 34-B
PACKARD MOTOR CAR COMPANY—1920-1921. Model 325, 335

1092 Combination Switch
3-2150 Ignition Coil
5220-5298 Distributor
THE PIERCE-ARROW MOTOR CAR CO.—1921. Models X-5, W-2, R-10 (Truck)

![Diagram of electrical system]

202 Motor (Optional equipment)
201 Generator
1186 Combination Switch

2-2159 Ignition Coil
5225 Distributor
5513 Apparatus Box
RIDDLE COACH & HEARSE COMPANY—1921. Model 22
Using 9-N Continental Engine

179 Motor
180 Generator
1181 Combination Switch

1965 Motor Switch
2159 Ignition Coil
5215 Distributor
STUTZ MOTOR CAR COMPANY OF AMERICA—1921 Model. Series K

1155 Combination Switch
2-2109 Ignition Coil
5209 Distributor
THE TOWMOTOR COMPANY—1921 Model
Using 4-Cylinder MA Weidely Engine

188 Motor
168 Generator
1163 Combination Switch

1964 Motor Switch
2159 Ignition Coil
5214 Distributor
THE WESTCOTT MOTOR CAR COMPANY—1921. Model R-38
Export (Right Hand Drive)

181 Motor
199 Generator

1189 Combination Switch
1964 Motor Switch
FERGUS MOTORS OF AMERICA, INC.—1922 Model

1207 Combination Switch
2135 Ignition Coil
5240 Distributor
MOON MOTOR CAR COMPANY—1922 Model
Using 7-R Continental Engine

181 Motor
165 Generator
1196 Combination Switch

1964 Motor Switch
2159 Ignition Coil
5208 Distributor
OLDS MOTOR WORKS—1922. Model 47

219 Motor
220 Generator
1198 Combination Switch

1966 Motor Switch
2127 Ignition Coil
6210 Distributor
REPUBLIC MOTOR TRUCK COMPANY, INC.—1922. Model 10 Express
Using 4-N Continental Motor

226 Motor
227 Generator
1211 Combination Switch
1966 Motor Switch
THE SEAGRAVE COMPANY—1922. Models F-4 and F-6

224 Motor
225 Generator
1136 Combination Switch
1966 Motor Switch

2169 Ignition Coil
5227 Distributor (F-4)
5242 Distributor (F-6)
5515 Apparatus Box
C. H. WILLS & COMPANY—1922 Model

207  Motor Generator
1204  Combination Switch
2-2159  Ignition Coil
5335  Distributor